CS 497 - Senior Design Project II

Spring 2007 - Syllabus

Goal
CS 497 is the last part of the senior design project course sequence. Final design, implementation, and testing of the project will be completed during this phase and a formal final report submitted. An oral review summarizing and demonstrating the results will be presented to an audience composed of students, faculty, sponsors, and industrial representatives.

Course Coordinator
Dr. Deborah Hwang, KC-264, x2193, hwang@evansville.edu
Course home page: csserver.evansville.edu/~hwang/s07-courses/cs497.html

Requirements and Schedule
Each student should consult with their project advisor and their sponsor, where different, on a regular basis to determine the status of their project. The project advisor or sponsor may require periodic progress reports. In all cases, the following requirements must be met by all students:

- No later than February 16, 2007, a written progress report must be submitted to the course coordinator along with a sign-off sheet (attached to this syllabus) indicating that the project advisor and the sponsor, where different, have reviewed and discussed the progress report with the project engineer. The progress report should contain the following information:
  - any changes in specification
  - updated final project goals
  - outline of the work completed to date
  - plans for remaining work

- No later than one week before the final presentation, a practice presentation must be given during a course meeting of CS 497. Course meetings will be scheduled whenever there are students making practice presentations. Attendance at these practice talks is highly encouraged and will be taken into consideration when assigning grades. Guidelines for the format of the final presentation is available at the course home page.

- On or before April 13, 2007, a draft copy of the final report must be submitted to the project advisor and course coordinator, where different, for approval and possible revision. Guidelines for the format of the final report is available at the course home page. Final reports are due no later than April 27, 2007. Copies should be made for the course coordinator, the project advisor, and the sponsor.

- The final presentations are will be scheduled sometime in April, usually a Friday afternoon or Saturday. You will be informed as soon as the date has been set. Project presentations will be judged by industrial representatives and computer science faculty for awards in areas such as creativity, innovation, and worth to project sponsor. (A sample judging sheet is available at the course home page.) In addition, the computer science faculty will judge projects for an award as the most outstanding project in the computer science program.
The EE/CS Department Senior Project Awards Banquet will be held at the end of the term on a date and at a place to be announced later (usually after final exams). All senior project engineers are invited to attend at no charge. Each senior project engineer is invited to bring a guest for a nominal charge.

Grading

Grades will be determined by the computer science faculty with input from the project sponsor. They will be based on the written progress report, participation and attendance at practice presentations, the final presentation, the final report, and overall project quality. Guidelines for assigning grades are as follows:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Description</th>
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<tbody>
<tr>
<td>A</td>
<td>The project satisfies all or nearly all of the client and course requirements, and exhibits significant original design.</td>
</tr>
<tr>
<td>B</td>
<td>The project satisfies many of the client and course requirements, and exhibits some original design, but does not represent a viable solution to the original problem.</td>
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<tr>
<td>C</td>
<td>The project meets some of the client and course requirements, and contains some element of original design but fails to address some important aspect of the original problem.</td>
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<tr>
<td>D</td>
<td>The project meets few, if any, of the client or course requirements and/or shows little evidence of original design, yet is partially functional.</td>
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Major Field Achievement Test

As part of the departmental assessment efforts, all CS and CoE senior students are expected to take the Major Field Achievement Test in Computer Science. This test is a comprehensive exam over all areas of CS. Although this test will not affect your grade or your graduation, we hope that you will take the test seriously and give your best effort. Tentatively, the test is scheduled to be given during the week before spring break. More details will be given as soon as the final test date is set.